

**Amendments to the Specification:**

On page one, under the heading "Related Applications" please amend the first paragraph as follows:

This patent application is a divisional of application serial no. 10/154,890, filed on May 23, 2002, which is a continuation of patent application serial no. 08/108,591, filed November 22, 1993, which This application is a continuation-in-part of the following Danish Patent Applications: No. 986/91, filed May 24, 1991, No. 987/91, filed May 24, 1991 and No. 510/92, filed April 15, 1992. The disclosure of each of the foregoing applications is hereby incorporated by reference in its entirety.

On page 13, the second paragraph (lines 5-7), should be amended as follows:

Figures 1A and 1B show ~~Figure 1 shows~~ a naturally occurring deoxyribooligonucleotide (A) and a peptide nucleic acid (PNA) of the invention (B).

On page 13, the third paragraph (lines 8-10), should be amended as follows:

Figures 2A and 2B provide ~~Figure 2 provides~~ examples of naturally occurring and non-naturally occurring nucleobases for DNA recognition and reporter groups.